

Claims

- [c1] 1. A handlebar for a handlebar steered vehicle, said handlebar comprising:
a left end for receiving a left handgrip;
a right end for receiving a right handgrip opposed to the left handgrip;
a central section disposed between the left and right ends; and
a connecting member molded into said central section and outwardly extending from said central section, said connecting member pivotally coupled to the vehicle along a steering axis of the vehicle.
- [c2] 2 The handlebar of claim 1 wherein the handlebar is made of nylon with elastomeric modifiers.
- [c3] 3. The handlebar of claim 1 wherein the handlebar is formed by injection molding.
- [c4] 4. The handlebar of claim 1 wherein the connecting member is insert-molded into the central section.
- [c5] 5. The handlebar of claim 1 wherein the connecting member is made of metal.
- [c6] 6. An integral rider control device for a handlebar steered vehicle, said device comprising:
an integral support structure having a left end for receiving a left handgrip and a right end for receiving a right handgrip opposed to the left handgrip;
a plurality of non-tubular receptacles formed in the integral support structure between the left end and the right end thereof, the receptacles each configured to receive a piece of equipment selected from a group consisting of controls, displays and accessories;
a central section of the support structure disposed between the left and right ends; and
a connecting member molded into the central section and outwardly projecting from the central section, said connecting member pivotally coupled to the vehicle along a steering axis of the vehicle.
- [c7] 7. The integral rider control device of claim 6 wherein the integral support structure is made of nylon with elastomeric modifiers.

- [c8] 8. The integral rider control device of claim 6 wherein the integral support structure is formed by injection molding.
- [c9] 9. The integral rider control device of claim 6 wherein the connecting member is insert-molded into the central section of the support structure.
- [c10] 10. The integral rider control device of claim 6 wherein the connecting member is made of metal.
- [c11] 11. The integral rider control device of claim 6 wherein the left and right ends of the support structure have outwardly projecting left and right mandrels, each mandrel adopted to receive a handgrip.
- [c12] 12. The integral rider control device of claim 11 wherein at least one of the left and right ends includes an outwardly projecting cylindrical sidewall.
- [c13] 13. The integral rider control device of claim 12 wherein the left and right cylindrical sidewalls include substantially serrated left and right edges, respectively, the left and right edges configured for engaging one of a brake lever, a gear shifter, an actuator grip, a handgrip and an integrated brake shifter.
- [c14] 14. The integral rider control device of claim 6 wherein the integral support structure includes at least one cable passage extending through at least a portion of the integral support structure, the cable passage configured to provide a connection path between at least two pieces of equipment.
- [c15] 15. The integral rider control device of claim 6 wherein the at least one receptacle receives an indicator positioned near to one of the left and right ends.
- [c16] 16. The integral rider control device of claim 6 wherein the integral support structure includes upper and lower, substantially parallel spars, the connecting member molded into the lower spar.
- [c17] 17. The integral rider control device of claim 16 wherein the upper spar includes an elongate upward facing channel configured for receiving equipment

and housing cable and a cushionable member attached to the upper spar for substantially covering the elongate upward facing channel.